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Hydrocarbons; Adsorption; Mixtures; Catalysts;
Polymerization; Resins; Polymers; DehydrationActive alumina, kaolite, calcined carrier, active
aluminum oxide, and silica-alumina gel were studied.
Divinyl and cyclopentadiene (diene hydrocarbons) poly-
merize on the desiccants and decrease their dynamic
moisture capacity, while the moisture content of the
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EDir - Czechoslovakia

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[1962] 27p. (Info. omitted) 9 refs.

Order from SLA \$12.60

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DESCRIPTORS: *Couplings, *Flanges, *Pipe fittings,
Bolts, stresses, Germany, Mathematical analysis.

Formulas are determined for calculating the stresses on a pipe flange under an axially symmetrical strain. This stress is produced on the one hand in a radial region by the internal pressure prevailing in the pipe, and, on the other hand, by the longitudinal forces transmitted in the bolt area. The bolts take up the internal pressure in the pipe longitudinally and also the tightening force required in each case. The equations are (Engineering Mechanics, 11, no. 9, no. 63).

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